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PMID: 11336555 [PubMed - indexed for MEDLINE]
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PMID: 11234016 [PubMed - indexed for MEDLINE]
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- ☐ 9: Tao T, Skiadopoulos MH, Davoodi F, Riggs JM, Collins PL, Murphy BR. Related Articles, Nucleotide, Protein

Replacement of the ectodomains of the hemagglutinin-neuraminidase and fusion glycoproteins of recombinant parainfluenza virus type 3 (PIV3) with their counterparts from PIV2 yields attenuated PIV2 vaccine candidates.

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- ☐ 10: Bailly JE, McAuliffe JM, Durbin AP, Elkins WR, Collins PL, Murphy BR. Related Articles

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- ☐ 11: Tao T, Davoodi F, Cho CJ, Skiadopoulos MH, Durbin AP, Collins PL, Murphy BR. Related Articles

A live attenuated recombinant chimeric parainfluenza virus (PIV) candidate vaccine containing the hemagglutinin-neuraminidase and fusion glycoproteins of PIV1 and the remaining proteins from PIV3 induces resistance to PIV1 even in animals immune to PIV3.

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Virology. 1997 Sep 1;235(2):323-32.

PMID: 9281512 [PubMed - indexed for MEDLINE]

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Arch Virol. 1985;84(3-4):291-6.

PMID: 2986583 [PubMed - indexed for MEDLINE]

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AN 2001556233 IN-PROCESS
DN 21488919 PubMed ID: 11601905
TI A single amino acid substitution in the viral polymerase creates a temperature-sensitive and attenuated recombinant **bovine parainfluenza virus type 3**.
AU Haller A A; MacPhail M; Mitiku M; Tang R S
CS Aviron, 297 North Bernardo Avenue, Mountain View, California, 94043.
SO VIROLOGY, (2001 Sep 30) 288 (2) 342-50.
Journal code: XEA; 0110674. ISSN: 0042-6822.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20011017
Last Updated on STN: 20011017

L7 ANSWER 2 OF 5 MEDLINE
AN 2001534443 MEDLINE
DN 21465075 PubMed ID: 11581420
TI A **chimeric human-bovine parainfluenza virus type 3** expressing measles virus hemagglutinin is attenuated for replication but is still immunogenic in rhesus monkeys.
AU Skiadopoulos M H; Surman S R; Riggs J M; Collins P L; Murphy B R
CS Respiratory Viruses Section, Laboratory of Infectious Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland 20892, USA.. mskiadopoulos@niaid.nih.gov
SO JOURNAL OF VIROLOGY, (2001 Nov) 75 (21) 10498-504.
Journal code: KCV; 0113724. ISSN: 0022-538X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200110
ED Entered STN: 20011003
Last Updated on STN: 20011029
Entered Medline: 20011025

L7 ANSWER 3 OF 5 MEDLINE
AN 2001490808 MEDLINE
DN 21424521 PubMed ID: 11533200
TI **Chimeric** bovine respiratory syncytial virus with attachment and fusion glycoproteins replaced by **bovine parainfluenza virus type 3** hemagglutinin-neuraminidase and fusion proteins.
AU Stope M B; Karger A; Schmidt U; Buchholz U J
CS Institute of Molecular Biology, Friedrich-Loeffler-Institutes, Federal Research Centre for Virus Diseases of Animals, D-17498 Insel Riems, Germany.
SO JOURNAL OF VIROLOGY, (2001 Oct) 75 (19) 9367-77.
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L7 ANSWER 4 OF 5 MEDLINE
 AN 2000473536 MEDLINE
 DN 20438086 PubMed ID: 10982335
 TI **Bovine parainfluenza virus type**
 3 (BPIV3) fusion and hemagglutinin-neuraminidase glycoproteins
 make an important contribution to the restricted replication of BPIV3 in
 primates.
 AU Schmidt A C; McAuliffe J M; Huang A; Surman S R; Bailly J E; Elkins W R;
 Collins P L; Murphy B R; Skiadopoulos M H
 CS Laboratory of Infectious Disease, National Institute of Allergy and
 Infectious Diseases, National Institutes of Health, Bethesda, Maryland
 20892, USA.. aschmidt@niaid.nih.gov
 SO JOURNAL OF VIROLOGY, (2000 Oct) 74 (19) 8922-9.
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 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
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 EM 200010
 ED Entered STN: 20001012
 Last Updated on STN: 20001012
 Entered Medline: 20001004

L7 ANSWER 5 OF 5 MEDLINE
 AN 2000173709 MEDLINE
 DN 20173709 PubMed ID: 10708435
 TI A recombinant human parainfluenza virus type 3 (PIV3) in which the
 nucleocapsid N protein has been replaced by that of bovine PIV3 is
 attenuated in primates.
 AU Bailly J E; McAuliffe J M; Durbin A P; Elkins W R; Collins P L; Murphy B R
 CS Laboratory of Infectious Diseases, National Institute of Allergy and
 Infectious Diseases, National Institutes of Health, Bethesda, Maryland
 20892, USA.
 SO JOURNAL OF VIROLOGY, (2000 Apr) 74 (7) 3188-95.
 Journal code: KCV; 0113724. ISSN: 0022-538X.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
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 EM 200004
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 Last Updated on STN: 20000413
 Entered Medline: 20000407

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L5 ANSWER 1 OF 2 MEDLINE
AN 2000473536 MEDLINE
DN 20438086 PubMed ID: 10982335
TI Bovine parainfluenza virus type 3 (BPIV3) fusion and hemagglutinin-neuraminidase glycoproteins make an important contribution to the restricted replication of BPIV3 in primates.
AU Schmidt A C; McAuliffe J M; Huang A; Surman S R; Bailly J E; Elkins W R; Collins P L; Murphy B R; Skiadopoulos M H
CS Laboratory of Infectious Disease, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland 20892, USA.. aschmidt@niaid.nih.gov
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L5 ANSWER 2 OF 2 MEDLINE
AN 1999209995 MEDLINE
DN 99209995 PubMed ID: 10195620
TI A live attenuated **chimeric** recombinant parainfluenza virus (PIV) encoding the internal proteins of PIV type 3 and the surface glycoproteins of PIV type 1 induces complete resistance to PIV1 challenge and partial resistance to PIV3 challenge.
AU Tao T; Skiadopoulos M H; Durbin A P; Davoodi F; Collins P L; Murphy B R
CS Laboratory of Infectious Disease, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD 20892-0720, USA.. ttao@atlas.niaid.nih.gov
NC AI-000087 (NIAID)
SO VACCINE, (1999 Mar 5) 17 (9-10) 1100-8.
Journal code: X60; 8406899. ISSN: 0264-410X.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
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EM 199906
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